

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-022728**Date Inspected:** 15-Apr-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** N / A**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued the review of informal welding report package #54. The QAI noted that the NDT reports in this package are missing the WQCM's signature and stamp that indicate a they have been reviewed. The QAI also noted that other reports appear to be missing information that is required by the contract specifications.

The QAI was requested to sample A325 fastener assemblies that have been delivered to the contractor's job site storage area. The QAI met with Caltrans Transportation Engineer Bob Brignano and was provided with the fastener assembly's Certificate of Compliance (COC). The QAI noted that only 1 rocap lot # DHG60750 is in this shipment of 3/4"-10 x 6" fasteners. As the QAI was drawing random check samples, the contractor's personnel informed the QAI and Mr. Brignano that the job site rocap tests were failing. The QAI was informed by Mr. Brignano, that these samples should be held until the contractor determines if the fasteners are acceptable for use. The QAI was informed that this decision should be made by Monday, April 18th. The QAI did not assign a lot number or generate a TL-102 for the check samples that are being held. See the attached photos.

The QAI was requested to green tag materials from Namasco Steel. The QAI arrived at Namasco Steel and was informed by the shipping supervisor that the material in question was green tagged by another QAI yesterday. The QAI noted that the green tag was issued by METS Inspector Jason Gramlick. The QAI was informed that the

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material has been shipped to a company named Van Bebbber. The Structural Materials Representative (SMR) Nick Hvass was informed that the material was already green tagged and released to a fabrication shop in Petaluma, California named Van Bebbber.



Summary of Conversations:

The QAI relayed the status of document reviews, check samples and the material released from Namasco Steel to the QAI Lead Bill Levell. The QAI met with the contractor's Welding Quality Control Manager (WQCM) Jim Bowers and provided a copy of the documents from Stud Welding Products. The WQCM remarked that he will research the material requirements and determine what will happen with the bike path replacement studs. The QAI informed the WQCM that samples are being held and will not be tested until the material grade substitution is approved by the Engineer. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
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Reviewed By:	Levell,Bill	QA Reviewer
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